

VERSION MARKED TO SHOW CHANGES
IN THE SPECIFICATION

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B1

Further analysis of HPI-2 suggests that in fact it could be the same protein as HPI-1, or alternatively, that the two are very closely related. NH₂-terminal amino acid sequencing of HPI-2 revealed that the first six amino acids were identical to those of HPI-1. An internal segment of each protein was sequenced after trypsin digestion, and the amino acid sequence was also identical.

NH₂ -terminal sequence:

HPI-1: Glu-Gly-Asp-Tyr-Ser-Leu (shown in SEQ ID NO: 3)

HPI-2: Glu-Gly-Asp-Tyr-Ser-Leu (shown in SEQ ID NO: 4)

Internal sequence after trypsin digestion:

HPI-1: Thr-Ser-Asn-Ile-Ala-Asn-Met-Val (shown in SEQ ID NO: 5)

HPI-2: Thr-Ser-Asn-Ile-Ala-Asn-Met-Val (shown in SEQ ID NO: 6)